



## PATENT ABSTRACTS OF JAPAN

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(54) **SEMICONDUCTOR LIGHT EMITTING DEVICE,  
 ARRAY THEREOF, PHOTSENSOR, AND  
 PHOTSENSOR ARRAY**

53 after the light is enclosed in the cavity 50 by the  
 reflecting film 54 which reflects the light.

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(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a high-luminance high-output semiconductor light emitting device.

SOLUTION: On a glass substrate 42, an LED chip 45 is mounted and a structure 47 is provided around the chip 45. The structure 47 is formed of two semiconductor substrates 48 and 49, and a reflecting film 54 composed of Au, etc., is provided on the internal surface of a cavity 50. On the top face of the structure 47, a small light emitting port 53 is provided. The light emitted from the LED chip 45 is emitted from the port

